

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-237285

(43)Date of publication of application : 13.09.1996

(51)Int.Cl.

H04L 12/40

G06F 13/00

(21)Application number : 07-036718

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(22)Date of filing : 24.02.1995

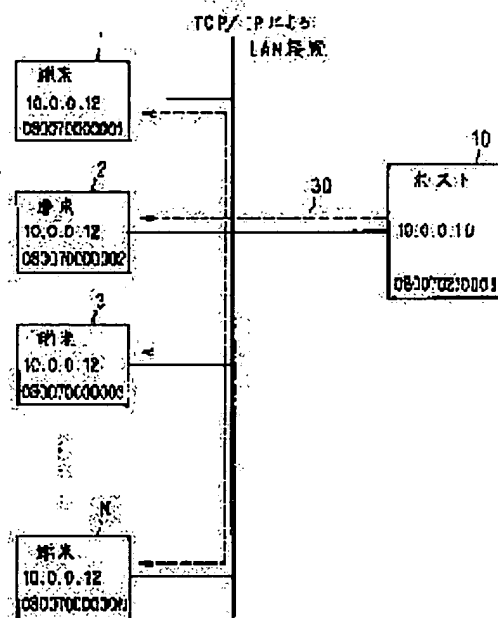
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(54) AUTOMATIC SETTING METHOD FOR INTER-NET PROTOCOL ADDRESS

(57)Abstract:

PURPOSE: To reduce the number of times of the transmission of a packet attached with a multiple address when automatically setting of the inter-net protocol address (hereafter abbreviated to IP address) of plural terminals located in a LAN system.

CONSTITUTION: This system is constituted of the terminals 1 to N and a host 10, and when the host 10 transmits an ARP request packet 30 attached with the multiple address once, each of the terminals 1 to N having received this ARP request packet 30 transmits an ARP answer packet to the host 10. The host 10 having received the ARP answer packet from the terminals 1 to N determines the IP addresses of the terminals 1 to N on the basis of the contents of these ARP answer packets, and informs each terminal 1 to N of the IP address determined separately.



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[Patent number]

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